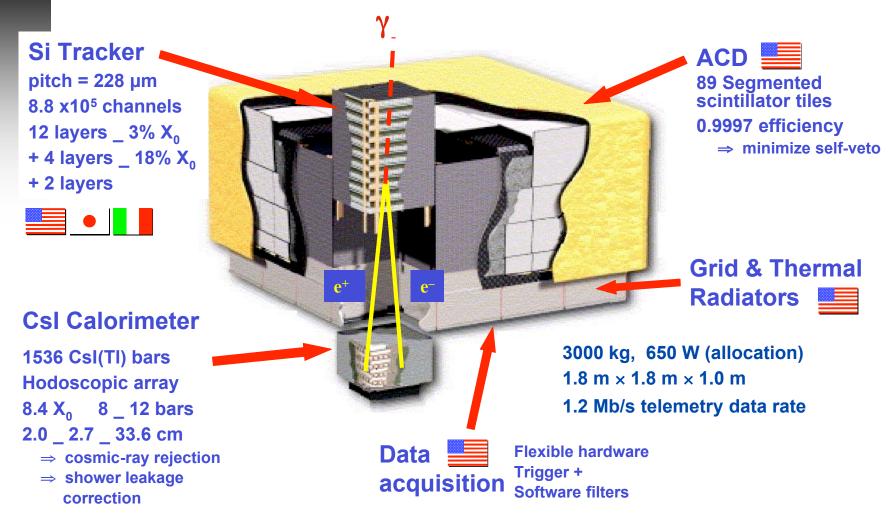




GLAST Large Area Telescope

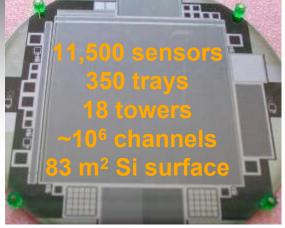


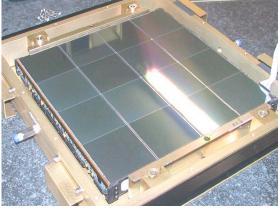
The largest area silicon detector in the world! (and, eventually, above it)

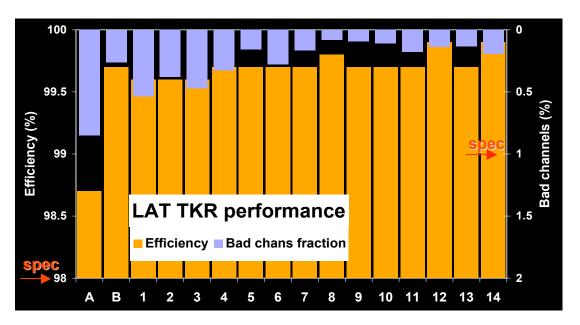


LAT Silicon Tracker

team effort, led by UCSC, involving ~70 physicists and engineers from Italy (INFN & ASI), Japan, and the United States





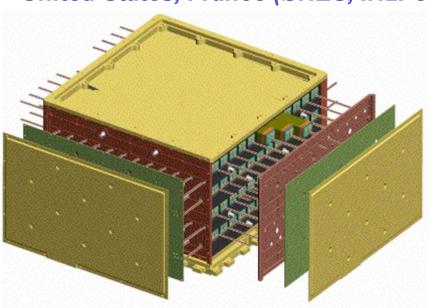




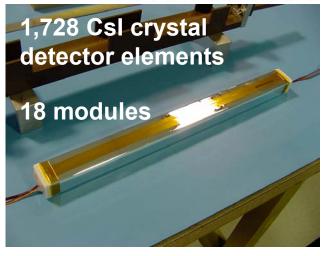


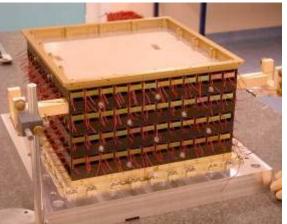
LAT Calorimeter

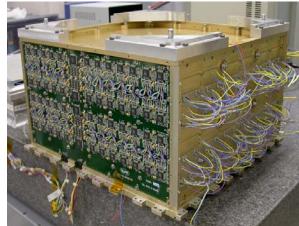
team effort, led by NRL, involving physicists and engineers from the United States, France (CNES, IN2P3 & CEA), and Sweden













LAT Anti-Coincidence Detector

team effort, led by Dave Thompson (GSFC), involving physicists and engineers from Goddard Space Flight Center, SLAC, and Fermi Lab





ACD before installation of Micrometeoroid Shield

ACD with Micrometeoroid Shield and Multi-Layer Insulation (but without Germanium Kapton outer layer)



Large Area Telescope (LAT)

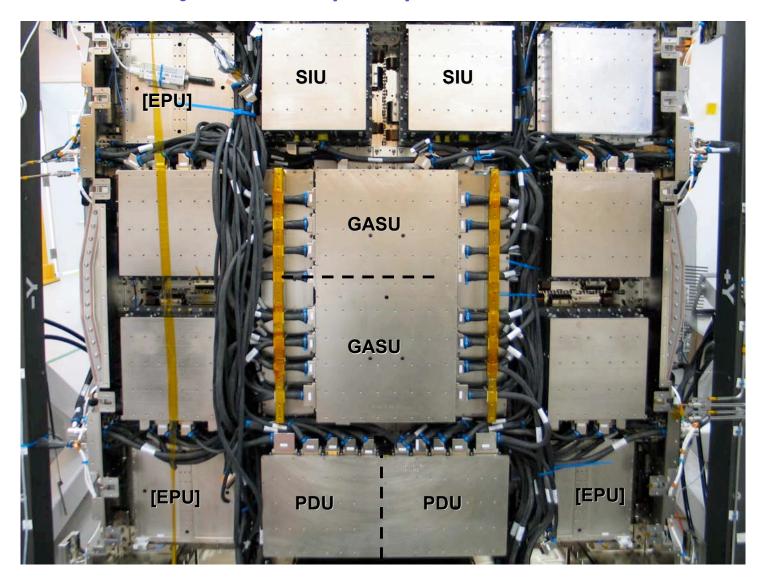
integration and initial testing of LAT at SLAC complete; ship to NRL for environmental testing on Thursday, May 11



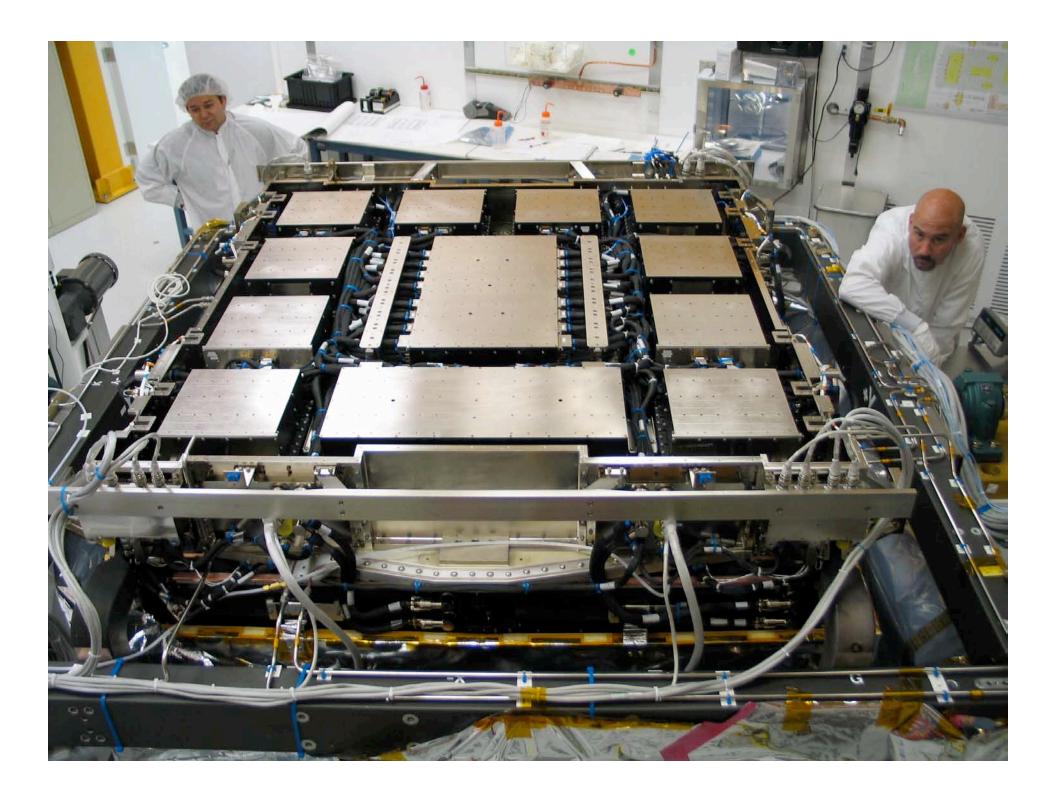


LAT Data Acquisition System

team effort, led by SLAC, with participation from NRL

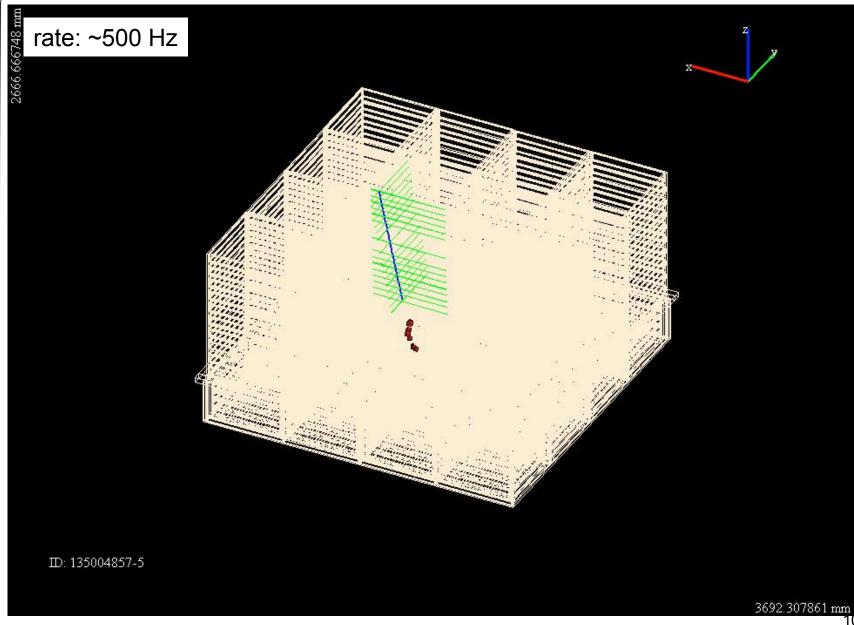


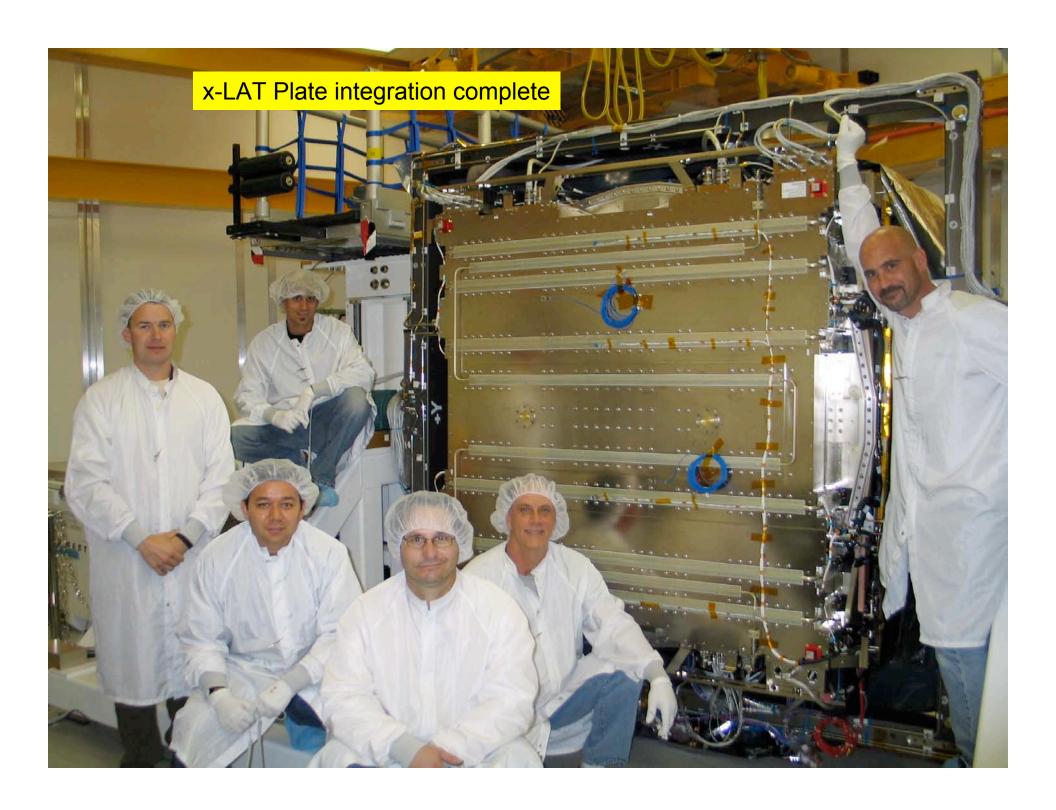


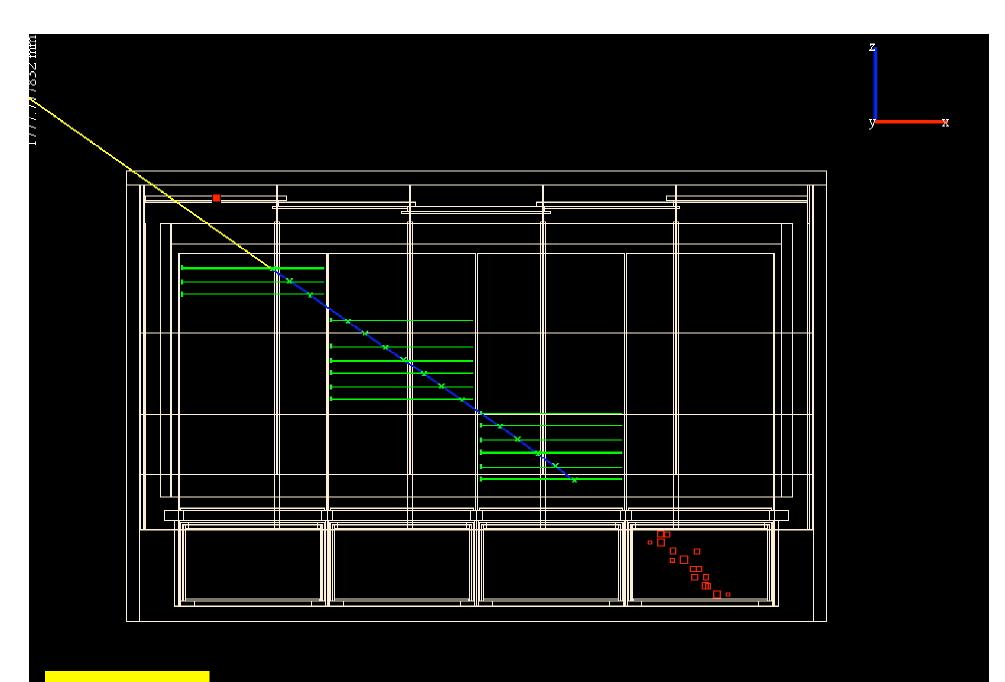




16-tower movie



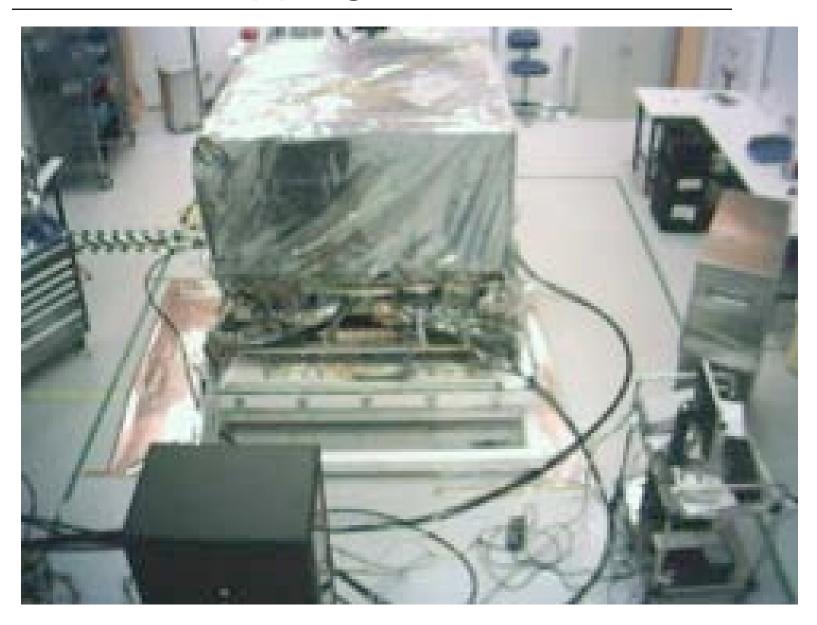




rate: ~500 Hz



LAT on shipping container base





LAT Shipping Container

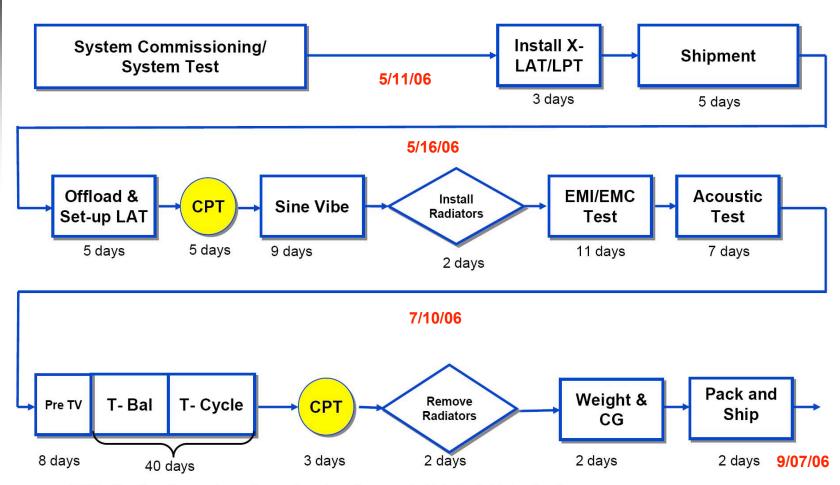








LAT Test Flow



NOTE: Durations for moving and setup have been incorporated into the total duration for the test. SIIS Verification will be worked in as appropriate.